

Infosafe No™ VARA6      Issue Date : September 2016      ISSUED by HUNTERST

Product Name **TYRE REJUVENATOR**

## 1. Identification

**GHS Product Identifier** TYRE REJUVENATOR

**Company Name** Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

**Address** 60 Gleadow Street INVERMAY  
TAS 7248 Australia

**Telephone/Fax Number** Tel: 03 6331 4755  
Fax: 03 6334 1065

**Emergency phone number** 0407 610 542

**Recommended use of the chemical and restrictions on use** As a tyre cleaner and rejuvenator.  
Use as directed on the product label.

## 2. Hazard Identification

**GHS classification of the substance/mixture** Flammable Liquids: Category 3

**Signal Word (s)** WARNING

**Hazard Statement (s)** H226 Flammable liquid and vapour.

**Precautionary statement – General** P102 Keep out of reach of children.  
P103 Read label before use.

**Pictogram (s)** Flame



**Precautionary statement – Prevention** P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 Keep container tightly closed.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response** P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P370+P378 In case of fire: Use foam / water spray / mist for extinction.

**Precautionary statement – Storage** P403+P235 Store in a well-ventilated place. Keep cool.

**Precautionary statement – Disposal** P501 Dispose of contents/container in accordance with local regulations.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Water	7732-18-5	60-100 %
	Glycerine	56-81-5	30-60 %
	Ethanol	64-17-5	10-30 %
	Ingredients determined not to be hazardous		<10%

## 4. First-aid measures

**Inhalation** Remove from exposure, rest and keep warm. Seek medical advice.

**Ingestion** Do NOT induce vomiting. Give a glass of water to be taken slowly.

**Skin** If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

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**Eye contact** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**First Aid Facilities** Eye wash station and normal washroom facilities.

**Advice to Doctor** Product is a mixture of methylated spirit and glycerol with water. May be irritating to skin and eyes. Contact Poisons Information Centre.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog or fine water spray.

**Hazards from Combustion Products** Water vapour, carbon dioxide. Incomplete combustion may generate carbon monoxide.

**Specific Methods** In case of small fire/explosion use water. In case of major emergency use PPE: as required for other chemicals present.

**Specific hazards arising from the chemical** Flammable liquid, flashpoint 32C.

**Hazchem Code** 2[Y]

## 6. Accidental release measures

**Emergency Procedures** Contain.  
Shut off all sources of ignition.  
Increase ventilation.

**Spills & Disposal** Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and shut off all possible sources of ignition. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.

## 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** Store in cool, well ventilated place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Keep away from naked flames and other sources of heat. Do not allow vapours to collect in enclosed spaces. Take precautions against static discharge. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

**Unsuitable Materials** Incompatibles: Oxidising agents.

## 8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Ethanol			1880	1000	

**Appropriate engineering controls** Use only flame proof equipment. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLVs.

**Personal Protective Equipment** Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-  
Normal Use:  
Eye/face protection  
Gloves, rubber or plastic.

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Industrial Quantities:

Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls.

Always maintain a high level of personal hygiene when using this product.  
That is wash hands before eating, drinking, smoking or using the toilet.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Clear, colourless, mobile liquid.
<b>Odour</b>	Smell of methylated spirit.
<b>Boiling Point</b>	From about 78 °C
<b>Solubility in Water</b>	Miscible with water in all proportions.
<b>Specific Gravity</b>	1.0-1.1
<b>pH</b>	Approx. 7
<b>Flash Point</b>	32 °C
<b>Flammability</b>	Flammable.
<b>Flammable Limits - Lower</b>	3.3% [ethanol]
<b>Flammable Limits - Upper</b>	19.0% [ethanol]
<b>Other Information</b>	Flammable liquid. May react with strong oxidising agents. Slippery when spilled.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Incompatible materials.
<b>Incompatible Materials</b>	Oxidising agents.
<b>Hazardous Decomposition Products</b>	Oxides of carbon.
<b>Possibility of hazardous reactions</b>	Contact with strong oxidising agents may cause fire.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 : Glycerol 12,600 mg/kg oral, rat. 4,090 mg/kg oral, mouse. > 10,000 mg/kg skin, rabbit. Ethanol 7,060 mg/kg oral, rat. 3,450 mg/kg oral, mouse. LDLo: Ethanol 1,400 mg/kg oral, human. 2,000 mg/kg oral, child. TDLo: Glycerol 1,428 mg/kg oral, human - nausea and vomiting. Ethanol 700 mg/kg oral, man - changes in psychophysiological tests. 50 mg/kg oral, man - gastrointestinal changes.
<b>Ingestion</b>	Bitter taste. Likely to cause gastric upset, nausea, vomiting and diarrhoea. Small doses may cause a reddening of the face and neck, and an exaggerated feeling of well-being. Larger doses may cause an initial burst of excitement and activity, followed by increasing loss of coordination, slurred speech, nausea and drowsiness, stupor and possible loss of consciousness.
<b>Inhalation</b>	Moderately irritating to the respiratory tract and mucous membranes. Ethanol vapours may be irritating to the nose and eyes at concentrations well below the TLV. Ethanol vapour may be absorbed through the lungs. May cause cough,

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<b>Skin</b>	headache, drowsiness and fatigue. Over-exposure to ethanol vapours may cause symptoms similar to when swallowed.
<b>Eye</b>	Will have a degreasing effect on the skin. May be irritating to skin. May cause redness and drying of the skin.
<b>Chronic Effects</b>	May be irritating to eyes. May cause redness, pain and a burning sensation. Liquid splashed into the eyes may cause severe irritation and possible tissue damage. May cause painful sensitisation to light.
	Chronic exposure to ethanol may affect the liver, kidneys and central nervous system. Extensive published data links ethanol exposure, or ingestion, to adverse reproductive effects in experimental animals and in humans.

## 12. Ecological information

<b>Ecotoxicity</b>	May be harmful to aquatic organisms.
<b>Persistence and degradability</b>	No data.
<b>Mobility</b>	Readily transported by water.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

## 13. Disposal considerations

<b>Waste Disposal</b>	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.
<b>Special precautions for landfill or incineration</b>	Unsuitable for incineration. May be unsuitable for some landfill sites.

## 14. Transport information

<b>Transport Information</b>	Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.
<b>U.N. Number</b>	1170
<b>UN proper shipping name</b>	ETHANOL (ETHYL ALCOHOL)
<b>Transport hazard class(es)</b>	3
<b>Hazchem Code</b>	2[Y]
<b>Packing Group</b>	III
<b>EPG Number</b>	3A1
<b>IERG Number</b>	14

## 15. Regulatory information

<b>Poisons Schedule</b>	Not Scheduled
<b>AICS (Australia)</b>	All components listed.

## 16. Other Information

<b>Signature of Preparer/Data Service</b>	Technical Manager 0407 610 542
<b>Technical Contact Numbers</b>	Emergency Advice All Hours: Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs

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**Other Information**

Transport/Fire Emergency: 000 (Emergency services)

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.

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